

## AFLOAT Combat Systems (30P) Checklist

**UPDATED April 2016** 

## SAFETY REVIEW ITEMS - Combat Systems

## 01. Procedures and Training

| 1. | (A1C0) | DO TAG-OUT PROCEDURES COMPLY WITH CURRENT DIRECTOR TAG-OUT USERS MANUAL (TUMS) VER 7  | ECTIVES?       |
|----|--------|---|----------------|
|    |        | REF. TAG-001 OSERS MANOAL (TOMS) VER /  | C R NA UA      |
|    |        |   | Repeat         |
|    |        |   | Significant    |
|    |        |   | ☐ PMS          |
| 2. | (A1D0) | DOES THE WORKING ALOFT PROCEDURE MEET MINIMUM CRITERIA?   | STANDARD       |
|    |        | REF: OPNAVINST 5100.19 Series VOL II CH C080  | 4              |
|    |        | OPNAVINST 5100.19 Series VOL II PG 2 IT   | EM 5(2)        |
|    |        | OPNAVINST 5100.23 Series Working aloft  | check sheet    |
|    |        |   | C R NA UA      |
|    |        |   | Repeat         |
|    |        |   | ☐ Significant  |
|    |        |   | PMS            |
| 3. | (A1D1) | ARE SUPERVISORY PERSONNEL FAMILIAR WITH CURRES FOR FALL PROTECTION EQUIPMENT AND PROCEDURES? ARE ALL HARNESSES, SAFETY LANYARDS AND WORKING AUTHORIZED FOR SHIPBOARD USE?  REF: NAVSURFWARCENDIV PANAMA CITY FL |                |
|    |        | DTG: 161233Z DEC 11   |                |
|    |        | 210. 1012001 220 11   | C R NA UA      |
|    |        |   | Repeat         |
|    |        |   | ☐ Significant  |
|    |        |   | PMS            |
| 4. | (A1E0) | IS A COPY OF THE LATEST RADHAZ SURVEY ON BOAR   | D?             |
|    |        | REF: NAVSEAINST 9700.2 Series PARA G(2)   |                |
|    |        | NAVSEA OP3565 Vol 1   |                |
|    |        |   | C R NA UA      |
|    |        |   | Repeat         |
|    |        |   | ☐ Significant  |
|    |        |   | PMS            |
| 5. | (A1F0) | ARE TECHNICIANS FAMILIAR WITH THE PROPER SAFE FOR WORKING ON ENERGIZED EQUIPMENT?   | TY PRECAUTIONS |
|    |        | REF: NSTM 300 -2.3;-2.4   |                |
|    |        | OPNAVINST 5100.19 Series CH C0908   |                |
|    |        |   | C R NA UA      |
|    |        |   | Repeat         |
|    |        |   | ☐ Significant  |
|    |        |   | PMS            |

|     | 6.    | (A1G0)   | ARE PERSONNEL FAMILIAR WITH THE HAZARDS OF LITTICAL (A) PROPER STOWAGE AND HANDLING? (B) PERSONNEL HAZARD AWARENESS? (C) WITHIN CURRENT SHELF LIFE? REF: TECHNICAL MANUAL S9310-AQ-SAF-010   | THIUM BATTERIES?                 |
|-----|-------|----------|--|----------------------------------|
|     |       |          | OPNAVINST 5100.19 Series CH C0905  |                                  |
|     |       |          |  | C R NA UA Repeat Significant PMS |
| 02. | Signs | and Plac | ards   |                                  |
|     | 7.    | (A2A0)   | ARE THE FOLLOWING SIGNS, PLACARDS, AND INSTRUCT ALL SPACES CONTAINING ELECTRONIC EQUIPMENT?  (A) ELECTRICAL AND ELECTRONIC SAFETY SAFETY PROBLEM OF THE PROB | RECAUTIONS                       |
|     |       |          | NSTM 300 -4.8.1, -4.8.2, -4.8.3, -4.8.5,   | -4.9.5                           |
|     |       |          | NSTM 400 -3.2.2  | C R NA UA                        |
|     |       |          |  | C R NA UA<br>Repeat              |
|     |       |          |  | Significant                      |
|     |       |          |  | ☐ PMS                            |
|     | 8.    | (A2B0)   | ARE APPROPRIATE WARNING SIGNS POSTED ON; - LADDERS - MASTS - STACKS - KINGPOSTS - ANTENNA PLATFORMS AND OTHER R-F RADIATION HAREF: MOST RECENT RADHAZ SURVEY OP 3565 VOL 1 PG 2-4-2-6 OP 3565 VOL 1 PG 3-3-7   |                                  |
|     |       |          |  | C R NA UA<br>☐ Repeat            |
|     |       |          |  | Significant                      |
|     |       |          |  | ☐ PMS                            |
|     | 9.    | (A2C0)   | ARE EQUIPMENTS FED BY MORE THAN ONE ELECTRICAL IDENTIFIED WITH MULTIPLE POWER SOURCE WARNING REF: NSTM 079 -21.4.4  GSO 400 C  |                                  |
|     |       |          |  | C R NA UA                        |
|     |       |          |  | Repeat                           |
|     |       |          |  | ☐ Significant<br>☐ PMS           |
|     |       |          |  | LI EMO                           |

| 10. | (A3A1)     | ARE ALL EMERGENCY ESCAPE SCUTTLES PROPERLY LIT<br>A STENCIL OR PLACARD "DO NOT BLOCK OR OBSTRUCT<br>REF: NSTM 079 -21.7.5  |                                  |
|-----|------------|--|----------------------------------|
|     |            | GSO 602 (J)  | 0 D 113 113                      |
|     |            |  | C R NA UA<br>Repeat              |
|     |            |  | Significant                      |
|     |            |  | ☐ PMS                            |
| 11  | (7 2 D O ) | TO DUDDED WHEETING WILLIAMS OF THOMSELED AD THE  |                                  |
| 11. | (A3B0)     | IS RUBBER MATTING AVAILABLE OR INSTALLED ADJACE ELECTRONIC WORKBENCHES, EQUIPMENT AND SWITCHBOARE INSTALLATION STANDARDS IAW CURRENT DIRECTS ARE AREAS WHERE PORTABLE MATTING IS USED APPROUTLINED AND STENCILED "WARNING ELECTRICAL GRAWITHIN MARKED LINE"? | DARDS?<br>IVES?<br>DPRIATELY     |
|     |            | REF: NSTM 300 -4.8.1.1, -H.1.3   |                                  |
|     |            | NSTM 634 -3.12.2   |                                  |
|     |            | NSTM 634 -3.12.2.2   |                                  |
|     |            |  | C R NA UA Repeat Significant PMS |
| 12. | (A3C0)     | IS SLIP-RESISTANT DECK COVERING INSTALLED ON A AND WORKING AREAS ALOFT?  | ANTENNA PLATFORMS                |
|     |            | REF: NSTM 634 -3.22  |                                  |
|     |            | NSTM 634 -3.24.3   |                                  |
|     |            |  | C R NA UA                        |
|     |            |  | Repeat                           |
|     |            |  | Significant                      |
|     |            |  | PMS                              |
| 13. | (A3E0)     | ARE LADDERS, HANDRAILS AND OTHER SIMILAR STRUGGROUNDED?  | CTURES PROPERLY                  |
|     |            | REF: SHIP'S TOPSIDE EM CONTROL MEASURES DRAWI  | ING                              |
|     |            | MIL-STD 1310 3.30  |                                  |
|     |            | MIL-STD 1310 4-1.1.2.3   |                                  |
|     |            | MIL-STD 1310 5.2.4(A)  |                                  |
|     |            |  | C R NA UA                        |
|     |            |  | Repeat                           |
|     |            |  | ☐ Significant                    |
|     |            |  | PMS                              |

| 14. | (A3F0) | ARE CLIMBER SAFETY RAILS INSTALLED IAW DIRECTIVES?  DOES THE MATERIAL CONDITION REFLECT PROPER PMS ACCOMPLISHMENT (PAINT, RUST, CORROSION REMOVED; ALL BOLTS TIGHTENED)?  REF: NSTM 600 -18.2  GSO 622 C  NSTM 400 -3.20.4  NAVSHIPS DWG 804-4563125 REV C 81  PMS MIP 6231/002 S-6                             |   |
|-----|--------|---|---|
|     |        | C R NA UA Repeat Significant PMS  | _ |
| 15. | (A3G0) | ARE SAFETY HARNESS'S, WORKING LANYARDS, SAFETY LANYARDS AND CLIMBER SAFETY SLEEVES IN SATISFACTORY MATERIAL CONDITION FOR THE FOLLOWING DEPARTMENTS?  (A) COMBAT SYSTEMS (B) DECK (C) AIR (D) AIMD  REF: OPNAVINST 5100.19 Series CH 0802A  PMS MIP 6231/002 S-2R  PMS MIP 6231/002 S-1R  PMS MIP 6231/001 S-1R | - |
|     |        | C R NA UA Repeat Significant PMS  |   |
| 16. | (A3H0) | IS GENERAL, ROUTINE HOUSEKEEPING ADEQUATE TO PRECLUDE HAZARDOUS CLUTTER, OBSTRUCTIONS AND SLIPPERY DECK CONDITIONS?  REF: OPNAVINST 5100.19 Series C0102.D.6  C R NA UA Repeat Significant PMS  | _ |
| 17. | (A3J0) | IS PORTABLE ELECTRIC EQUIPMENT INSULATED AND SAFETY CHECKED IAW CURRENT DIRECTIVES?  REF: PMS MIP 3000/001      NSTM 300 -2.7.4.7.2, -2.7.4.7.3      OPNAVINST 5100.19 Series B0707      C R NA UA      Repeat      Significant      PMS  | _ |

| 18. | (A3K0) | ARE ALL CHEMICALS STORED IN APPROVED FLAMMAR LOCKERS (LESS THAN 30 GAL)?  ARE SEVEN DAY SUPPLIES OF FLAMMABLE PMS MATE APPROVED FLAMMABLE STOWAGE LOCKER?  REF: NSTM 220  OPNAVINST 5100.19 Series B3  OPNAVINST 5100.19 Series C2302.2.B  NSTM 670 -2.1.3.2, -13.3 |                                     |
|-----|--------|---|-------------------------------------|
|     |        |   | C R NA UA Repeat Significant        |
|     |        |   | □ PMS                               |
| 19. | (A300) | ARE ALL HAZARDOUS MATERIALS PROPERLY LABELET (A) MATERIAL NAME AND MANUFACTURER NAME.  (B) ARE ALL MSDS'S READILY AVAILABLE AND PERIMMEDIATE HAZARDS OF MATERIAL.  REF:   |                                     |
|     |        | NSTM 670 -44.1  |                                     |
|     |        |   | C R NA UA  Repeat  Significant  PMS |
| 20. | (A3Q0) | ARE FIXED NITROGEN GAS CYLINDERS PROPERLY ST MOUNTED? ARE CYLINDERS MARKED WITH 2 TWO-INCH WIDE HO STRIPES TO INDICATE OIL-FREE NITROGEN? REF: OPNAVINST 5100.19 Series C1102.D.1 NSTM 670 -32.3 MILSTD 101-B TABLE III MILSTD 101-B FIG 2                          |                                     |
|     |        |   | C R NA UA  Repeat  Significant  PMS |
| 21. | (A3S0) | IS EMERGENCY DESTRUCTION EQUIPMENT (FIREAXES HAMMERS, AND MAULS) SECURED TO PREVENT HORIZOMOVEMENT (GRADE B SHOCK MOUNT)?  REF: MIL-S-901D -1.2.2  GSO 072 B  | •                                   |
|     |        |   | C R NA UA  Repeat Significant PMS   |

| 22 | . (A3S1) | ARE EEBDS LOCATED TO BE EASILY ACCESSIBLE IN ARE EEBDS MOUNTED CORRECTLY?  ARE EEBDS PROPERLY STENCILED WITH PHOTOLUMINE PHOTOLUMINESCENT STRIPS?  REF: NSTM 079 -21.7   | SCENT PAINT OR  C R NA UA  Repeat  Significant |
|----|----------|--|--|
|    |          |  | ☐ PMS  |
| 23 | . (A3T0) | ARE RELAY CONTROLLED EMERGENCY LANTERNS INSTALLLUMINATE CLASSIFIED MATERIAL STOWAGE CONTAIN  |  |
|    |          | REF: GSO 332 G   |  |
|    |          | NSTM 330 -1.6.4.3.3  |  |
|    |          |  | C R NA UA                                      |
|    |          |  | Repeat   |
|    |          |  | <pre>Significant</pre>                         |
|    |          |  | PMS  |
| 24 | . (A3U0) | IS ACCESS TO POWER PANELS RESTRICTED BY INSTALEQUIPMENT/FURNITURE OR BY STOWAGE OF MATERIAL ARE POWER PANEL DOORS REMOVED FROM DISTRIBUTION NORMALLY MANNED SPACES?  REF: NSTM 300 -2.3.1.2                    | S?   |
|    |          | GSO 324 C  |  |
|    |          | GSO 324 D  |  |
|    |          |  | C R NA UA  Repeat  Significant  PMS            |
| 25 | . (A3V0) | ARE TOPSIDE LIFERAIL ACCESSES FITTED WITH 5/8 OR DOUBLE-BRAIDED NYLON LINE (EXCEPT IN HEAT WHERE CRES WIRE ROPE SHALL BE USED) AND WITH SHACKLES ON ONE END AND 4 INCH STEEL CRES HOOMEND? REF: NSTM 600 -18.3 | OR BLAST AREAS<br>5/16 INCH ANCHOR             |
|    |          | GSO 612 D  |  |
|    |          |  | C R NA UA Repeat Significant PMS               |

| 26       | (A3X0)    | ARE 15 LB CO2 PORTABLE FIRE EXTINGUISHERS MOSPACES CONTAINING ELECTRONICS EQUIPMENT INC. COMM CTR AND CIC?  ARE FIRE EXTINGUISHERS FULLY CHARGED, PROPLAND ACCESSIBLE?  REF: NSTM 555  PMS MIP 6641/004 Q-9R, 24M-4  GSO 555 B | LUDING PILOT HOUSE,              |
|----------|-----------|--|----------------------------------|
|          |           |  | C R NA UA                        |
|          |           |  | Repeat                           |
|          |           |  | ☐ Significant                    |
|          |           |  | PMS                              |
| 27       | . (A3Y0)  | IS AN ADEQUATE LIFERAIL SYSTEM PROVIDED ON A PLATFORMS ALOFT? ARE NONMETALLIC LIFERAILS SUSCEPTABLE AREAS?  ARE LIFERAILS INSTALLED AND MAINTAINED IAW OR DO THEY REFLECT ADEQUATE PMS?  | INSTALLED IN EMI                 |
|          |           | REF: GSO 612 B   |                                  |
|          |           | GSO 612 D  |                                  |
|          |           | PMS MIP 6121/003   |                                  |
|          |           |  | C R NA UA Repeat Significant PMS |
| 04. Elec | tronic Eq | uipment  |                                  |
| 28       | (B1A0)    | ARE APPROVED SAFETY SHORTING PROBES IAW PMS ALL SPACES CONTAINING MAJOR ELECTRONIC EQUIT REF: PMS MIP 3000/001 S-6R  NSTM 400 -3.20.3  |                                  |
|          |           |  | C R NA UA                        |
|          |           |  | Repeat                           |
|          |           |  | Significant                      |
|          |           |  | PMS                              |
| 29       | (B1B0)    | ARE ELECTRONIC WORKBENCHES IN COMPLIANCE WITH REQUIREMENTS FOR INSULATION, EQUIP GROUNDING SIGNS, AND POWER DISCONNECTS?  REF: PMS MIP 6652/006  NSTM 300 APP H  |                                  |
|          |           |  | C R NA UA                        |
|          |           |  | Repeat                           |
|          |           |  | <pre>Significant</pre>           |
|          |           |  |                                  |

| 30. | (B1D0) | DOES ALL PORTABLE ELECTRONIC TEST EQUIPMENT HAD DATE SAFETY TAG?   | VE A AN UP-TO-     |
|-----|--------|--|--------------------|
|     |        | REF: PMS MIP 4911/001 18M-1R   |                    |
|     |        | NSTM 300 -2.7  |                    |
|     |        |  | C R NA UA          |
|     |        |  | Repeat             |
|     |        |  | Significant        |
|     |        |  | PMS                |
| 31. | (B1E0) | IS ADEQUATE TEST EQUIPMENT STOWAGE PROVIDED WI<br>SECURING EQUIPMENT UNDER ADVERSE SEA CONDITION   |                    |
|     |        | REF: NSTM 400 J  |                    |
|     |        | NAVSEA ST000-AB-6YD-010/PEETE  |                    |
|     |        |  | C R NA UA          |
|     |        |  | Repeat             |
|     |        |  | Significant        |
|     |        |  | PMS                |
| 32. | (B1F0) | IS ELECTRONIC EQUIPMENT LOCATED, OR PROTECTED, FLUIDS WILL NOT SPRAY, DRIP, SPLASH, OR BE BLC REF: NSTM 300 -4.4.2, -4.4.5, -4.8.1         |                    |
|     |        | REF: NSTM 300 -4.4.2, -4.4.5, -4.8.1   | O D NI 117         |
|     |        |  | C R NA UA          |
|     |        |  | Repeat Significant |
|     |        |  |                    |
|     |        |  | PMS                |
| 33. | (B1I0) | ARE ALL PROTECTIVE ENCLOSURES KEPT CLOSED WHEN PROGRESS? DOES WORK IN PROGRESS REFLECT SAFE WREF: NSTM 300 -2.3.1.2, -2.5.1.2, -2.5.3.2, - | ORK HABITS?        |
|     |        | OPNAVINST 5100.19 Series C9  |                    |
|     |        |  | C R NA UA          |
|     |        |  | Repeat             |
|     |        |  |                    |
|     |        |  | PMS                |
| 34. | (B1J0) | ARE EQUIPMENT SHOCK MOUNTS PROPERLY INSTALLED DIRECTIVES?  | AND IAW CURRENT    |
|     |        | REF: MIL-S-901D -1.2.3   |                    |
|     |        | GSO 072 D  |                    |
|     |        |  | C R NA UA          |
|     |        |  | Repeat             |
|     |        |  | Significant        |
|     |        |  | ☐ PMS              |
|     |        |  |                    |

|          | 35.   | (B1K0) | ARE ALL ELECTRONIC EQUIPMENT, EQUIPMENT ENCLO AND ACCESSORIES ELECTRICALLY BONDED TO THE SH SYSTEM?  REF: NSTM 300 2.2.1.2, 2.8.7, 2.8.14, H.1.2.  MIL-STD-1310 .4.1.3  MIL-STD-1310 .5.1.2  MIL-STD-1310 .5.1.3   | IPS GROUND                        |
|----------|-------|--------|--|-----------------------------------|
|          |       |        |  | PMS                               |
|          | 36.   | (B1P0) | ARE COMPUTER SURGE SUPPRESSORS OF THE TYPE AP SHIPBOARD USE? DOES ADP EQUIPMENT REFLECT ELECTRICAL SAFETY DO SAFETY TAGS REFLECT PROPER PMS? REF: NSTM 300 2.7.3.5 PMS MIP 3000/001 A-4R                           |                                   |
|          |       |        |  | Significant                       |
|          |       |        |  | PMS                               |
|          | 37.   | (B1U0) | DOES ELECTRONIC EQUIPMENT CONNECTED DIRECTLY ELEC POWER DISTRIBUTION SYSTEM HAVE AN INDEPE DISCONNECT THE EQUIPMENT FROM THE POWER DISTR IS THIS ELECTRONIC DISCONNECT LOCATED IN THE COMPARTMENT?  REF: GSO 320 E | NDENT MEANS TO IBUTION SYSTEM?    |
|          |       |        |  | C R NA UA                         |
|          |       |        |  | Repeat                            |
|          |       |        |  | ☐ Significant<br>☐ PMS            |
| 05. An   | tenna | 2 8    |  |                                   |
| 05. 111. |       |        |  |                                   |
|          | 38.   | (B2A0) | ARE SWITCHES INSTALLED THAT PERMIT DISABLING PRIOR TO PERSONNEL ENTERING THE ANTENNA SWING ARE WARNING SIGNS POSTED IN THE IMMEDIATE VIC SWITCH?   | CIRCLE?                           |
|          |       |        | REF: GSO 400 C   | 0 D NA 117                        |
|          |       |        |  | C R NA UA  Repeat Significant PMS |
|          |       |        |  |                                   |

|     | 39.     | (B2B0)   | ARE TRANSMITTING ANTENNAS FOR COMMUNICATIONS, AND FIRE CONTROL RADAR DIRECTORS CUTOUT ZONES APPROPRIATE WARNING SIGNS?  DO HF ANTENNAS WITH LESS THAN 8-FOOT VERTICAL HORIZONTAL CLEARANCES HAVE SAFETY SCREENS OR BARRIERS INSTALLED? | MARKED WITH  AND/OR 4-FOOT      |
|-----|---------|----------|--|---------------------------------|
|     |         |          | REF: OP-3565 2.2.6.1   |                                 |
|     |         |          | GSO 400 C  |                                 |
|     |         |          |  | C R NA UA                       |
|     |         |          |  | Repeat                          |
|     |         |          |  | Significant                     |
|     |         |          |  | PMS                             |
| 06. | Helo C  | ontrol S | tation   |                                 |
|     | 40.     | (B3E0)   | IS SHIPS STABILIZED GLIDE SLOPE INDICATOR (SO DIAPHRAM INTACT, ALL FRESNEL LENSES OF THE PEROPERLY WEATHER PROOFED?  REF: PMS MIP 4926/GSI   | ROPER COLOR,                    |
|     |         |          |  | C R NA UA                       |
|     |         |          |  | Repeat                          |
|     |         |          |  | Significant                     |
|     |         |          |  | □ PMS                           |
| 07. | Equipme | ent Cool | ing Systems  |                                 |
|     | 41.     |          |  | OHOLI BUTDENGE OF               |
|     | 41.     | (B4D0)   | DOES THE COOLANT PUMP AND SUPPLIED EQUIPMENT ROUTINE PMS ACCOMPLISHMENT? (I. E. TEMP AND IN CALIBRATION, ABSENCE OF LEAKS, NO BROKEN EQUIPMENT, INTACT PRESERVATION SYSTEM WITH NO CORROSION, ETC)                                     | PRESSURE GAUGES<br>I OR MISSING |
|     |         |          | REF: PMS MIP 5321  |                                 |
|     |         |          | PMS MIP 5362   |                                 |
|     |         |          | NSTM 505 -1.4.2  |                                 |
|     |         |          | MSTM 532 -4.3  |                                 |
|     |         |          |  | C R NA UA                       |
|     |         |          |  | Repeat                          |
|     |         |          |  | Significant                     |
|     |         |          |  | PMS                             |
|     | 42.     | (B4E0)   | DO COOLANT PUMP ROOMS HAVE THE CORRECT OPERAT WARNING PRECAUTIONS AND SYSTEM PIPING DIAGRAM BULKHEAD MOUNTED?  |                                 |
|     |         |          | REF: OPNAVINST 5100.19 Series C1304.F.1  |                                 |
|     |         |          |  | C R NA UA                       |
|     |         |          |  | Repeat                          |
|     |         |          |  | <pre>Significant</pre>          |
|     |         |          |  | PMS                             |
|     |         |          |  |                                 |

|     | 43.    | (B4G0)   | IS THE COOLANT SYSTEM PROPERLY OUTFITTED/EQUIP<br>FLOW METERS, DEMINERALIZER, 2 OR 3 WAY TEMPERA<br>VALVES, SALINITY INDICATOR AND LOSS OF FLOW AL<br>REF: NSTM 532<br>PMS MIP 5321<br>PMS MIP 5362 | TURE-REGULATING           |
|-----|--------|----------|---|---------------------------|
|     | 44.    | (B4H0)   | ARE ALL VALVE HANDWHEELS PROPERLY COLOR-CODED?  |                           |
|     |        |          | REF: NSTM-505 -7.8.2.2, Table 7-1   |                           |
|     |        |          |   | C R NA UA                 |
|     |        |          |   | ☐ Repeat<br>☐ Significant |
|     |        |          |   | ☐ PMS                     |
|     | 45.    | (B4I0)   | HAVE SALTWATER DUPLEX STRAINERS BRASS OR BRONZ<br>PLUGS BEEN REPLACED WITH NON-FERROUS MONEL (CU<br>REQUIRED?   |                           |
|     |        |          | ARE VALVE AND PIPING FLANGES IN SEAWATER SYSTE FERROUS FASTENERS?   | MS FREE OF                |
|     |        |          | REF: NSTM 505   |                           |
|     |        |          | GSO 075   |                           |
|     |        |          |   | C R NA UA                 |
|     |        |          |   | ☐ Repeat<br>☐ Significant |
|     |        |          |   | ☐ PMS                     |
| 08. | Active | /Passive | Sonar Systems   |                           |
|     | 46.    | (B5C0)   | ARE ALL SONAR DOME PIPING SYSTEM (SDPS) VALVES GAUGES AND SUPPLY, VENT RETURN AND DRAIN LINES IDENTIFIED WITH DIE STAMPED OR ENGRAVED PERMAN I.D. TAGS? REF: GSO 507 F                              | B PROPERLY                |
|     |        |          |   | C R NA UA                 |
|     |        |          |   | Repeat                    |
|     |        |          |   | Significant               |
|     |        |          |   | PMS                       |
|     | 47.    | (B5D0)   | HAVE ALL SDPS AIR, FRESH WATER AND SEAWATER PF<br>VALVES BEEN TESTED? DO THE TEST DATA TAGS SHOW<br>AND AT WHAT PRESSURE TESTING WAS CONDUCTED?   |                           |
|     |        |          | REF: GSO 505 H.4  | a 5                       |
|     |        |          |   | C R NA UA<br>Repeat       |
|     |        |          |   | Significant               |
|     |        |          |   | ☐ PMS                     |

| 48 | . (B5E0) | ARE ALL SDPS AIR, FRESHWATER, AND SEAWATER FII<br>PRESSURIZATION CONTROL VALVES PROPERLY COLOR (<br>(AIRSIDE-TAN; FRESHWATER-DARK BLUE; SEAWATER-I<br>REF: NSTM 505 -7.8.2.2<br>NSTM 505 TABLE -7-1 | CODED?                           |
|----|----------|---|----------------------------------|
|    |          | NOTH SUS TABLE / T  | C R NA UA Repeat Significant PMS |
| 49 | . (B5F0) | ARE ALL SDPS OPERATING INSTRUCTIONS AND PIPING PERMANENTLY MOUNTED WITHIN THE IMMEDIATE VICIN (CLEARLY LEGIBLE AND WITHIN EASY OPERATOR ACCEREF: GSO 507 C  | NITY OF THE SDPS?                |
|    |          |   | C R NA UA Repeat Significant PMS |
| 50 | . (B5G0) | DOES THE SDPS OVERALL GENERAL APPEARANCE INDICEDRISHED BY EITHER SHIPBOARD FORMALLY TRAINED PERSONNEL?  REF: PMS MIP 1651/005   |                                  |
|    |          |   | Repeat Significant PMS           |
| 51 | . (B5I0) | DO ALL LOWER LEVEL SONAR EQUIPMENT SPACES SUBSTITUTE OR PROGRESSIVE FLOODING HAVE LIQUID LEVEL SYSTEM) SENSOR SWITCHES INSTALLED?  ARE THE SENSORS FREE OF PAINT AND DEBRIS?  REF: GSO 436 D        |                                  |
|    |          |   | C R NA UA Repeat Significant PMS |
| 52 | . (B5M0) | DOES THE SHIP HAVE THE REQUIRED NUMBER OF DOME REF: PMS MIP 1651/005 18M-1 NOTE 10 (DESTROYE NAVMED P-117 ART 15-102.5.A  PMS MIP 1651/006 18M-4 NOTE 9 (CRUISER)                                   |                                  |
|    |          |   | C R NA UA Repeat Significant PMS |

| 53. (B500)       | ARE DOME DIVING LOGS MAINTAINED AND REPORTS SUB REF: NAVSEA S-9165-AD-MMA-010 NAVSEA S-9165-AH-MMA-010 PMS MIP 1651/005 (Destroyer) 18M-1 (Step PMS MIP 1651/006 (Cruiser) 18M-4 (Step 1.  | 1.c.5/Table 1)                   |
|------------------|--|----------------------------------|
| 54. (B5P0)       | ARE WARNING SIGNS INSTALLED ON AIR FILTER A-F-1 AIRLOCK?   | 14 AND IN THE                    |
|                  | REF: TECHNICAL MANUAL S9165-AE-MMA-010/SDRW-1 SHEET 12 OF 13   | FIGURE 8-46                      |
|                  | (<br>[<br>[  | C R NA UA Repeat Significant PMS |
| 55. (B5Q0)       | ARE COMBAT SYSTEMS RUBBER AND STAINLESS STEEL H  | OSES ACCESSIBLE                  |
|                  | REF: PMS MIP 5000/009 A-1, A-2, S-1  |                                  |
|                  | NAVSEA S6430-AE-TED-010 VOL 1  |                                  |
|                  | (<br>[<br>[  | C R NA UA Repeat Significant PMS |
| 09. NIXIE/TACTAS |  |                                  |
| 56. (B6A0)       | IS THE NIXIE EQUIPMENT ROOM EQUIPPED WITH:  (A) ELECTRICALLY SAFE MATTING  (B) MAT WARNING (IF MATTING IS NOT BONDED TO DE  (B) SHORTING PROBE  (C) MULTIPLE POWER SOURCE LABEL  (D) OPERATING AND STREAMING PROCEDURES  REF: NSTM 634 -3.12.2  GSO 602 H  GSO 400 C | CCK)                             |
|                  |  | C R NA UA Repeat Significant PMS |

## Combat Systems

LOCATION:

UIC:

DATE:

SURVEYOR(S):

NO. COMPLETE: NO. REQ ACTION: NOT APPLICABLE:

| Q # | Question | Result |   |    | Sig | Rep      | PMS  |      |
|-----|----------|--------|---|----|-----|----------|------|------|
| 1   | 30PA1C0  | С      | R | N  | IJ  | 019      | 1.05 | 2210 |
| 2   | 30PA1D0  | С      | R | N  | U   |          |      |      |
| 3   | 30PA1D1  | C      | R | N  | U   | <u> </u> |      |      |
| 4   |          |        |   |    | U   | 1        |      |      |
|     | 30PA1E0  | С      | R | N  |     |          |      |      |
| 5   | 30PA1F0  | С      | R | N  | U   |          |      |      |
| 6   | 30PA1G0  | C      | R | N  | U   | ļ        |      |      |
| 7   | 30PA2A0  | С      | R | N  | U   |          |      |      |
| 8   | 30PA2B0  | С      | R | N  | U   |          |      |      |
| 9   | 30PA2C0  | С      | R | N  | U   |          |      |      |
| 10  | 30PA3A1  | С      | R | N  | U   |          |      |      |
| 11  | 30PA3B0  | С      | R | N  | U   |          |      |      |
| 12  | 30PA3C0  | С      | R | N  | U   |          |      |      |
| 13  | 30PA3E0  | С      | R | N  | U   |          |      |      |
| 14  | 30PA3F0  | С      | R | N  | U   |          |      |      |
| 15  | 30PA3G0  | С      | R | N  | U   |          |      |      |
| 16  | 30PA3H0  | С      | R | N  | U   |          |      |      |
| 17  | 30PA3J0  | С      | R | N  | U   |          |      |      |
| 18  | 30PA3K0  | С      | R | N  | U   |          |      |      |
| 19  | 30PA300  | С      | R | N  | U   |          |      |      |
| 20  | 30PA3Q0  | С      | R | N  | U   |          |      |      |
| 21  | 30PA3S0  | С      | R | N  | U   | †        |      |      |
| 22  | 30PA3S1  | С      | R | N  | U   |          |      |      |
| 23  | 30PA3T0  | С      | R | N  | U   |          |      |      |
| 24  | 30PA3U0  | С      | R | N  | U   |          |      |      |
| 25  | 30PA3V0  | С      | R | N  | U   |          |      |      |
| 26  | 30PA3X0  | С      | R | N  | U   | †        |      |      |
| 27  | 30PA3Y0  | С      | R | N  | U   | 1        |      |      |
| 28  | 30PB1A0  | С      | R | N  | U   | +        |      |      |
| 29  | 30PB1B0  | С      | R | N  | U   | +        |      |      |
| 30  | 30PB1D0  | C      | R | N  | U   |          |      |      |
| 31  | 30PB1E0  | C      | R | N  | U   |          |      |      |
| 32  | 30PB1F0  | C      | R | N  | U   | +        |      |      |
| 33  | 30PB1I0  | C      | R | N  | U   |          |      |      |
| 33  | JOPDIIU  | C      | L | IA | U   |          |      |      |

| Q # | Question | Result |   |   | Sig | Rep | PMS |  |
|-----|----------|--------|---|---|-----|-----|-----|--|
| 34  | 30PB1J0  | С      | R | N | U   |     |     |  |
| 35  | 30PB1K0  | С      | R | N | U   |     |     |  |
| 36  | 30PB1P0  | С      | R | N | U   |     |     |  |
| 37  | 30PB1U0  | С      | R | N | U   |     |     |  |
| 38  | 30PB2A0  | С      | R | N | U   |     |     |  |
| 39  | 30PB2B0  | С      | R | N | U   |     |     |  |
| 40  | 30PB3E0  | С      | R | N | U   |     |     |  |
| 41  | 30PB4D0  | С      | R | N | U   |     |     |  |
| 42  | 30PB4E0  | С      | R | N | U   |     |     |  |
| 43  | 30PB4G0  | С      | R | N | U   |     |     |  |
| 44  | 30PB4H0  | С      | R | N | U   |     |     |  |
| 45  | 30PB4I0  | С      | R | N | U   |     |     |  |
| 46  | 30PB5C0  | С      | R | N | U   |     |     |  |
| 47  | 30PB5D0  | С      | R | N | U   |     |     |  |
| 48  | 30PB5E0  | С      | R | N | U   |     |     |  |
| 49  | 30PB5F0  | С      | R | N | U   |     |     |  |
| 50  | 30PB5G0  | С      | R | N | U   |     |     |  |
| 51  | 30PB5I0  | С      | R | N | U   |     |     |  |
| 52  | 30PB5M0  | С      | R | N | U   |     |     |  |
| 53  | 30PB500  | С      | R | N | U   |     |     |  |
| 54  | 30PB5P0  | С      | R | N | U   |     |     |  |
| 55  | 30PB5Q0  | С      | R | N | U   |     |     |  |
| 56  | 30PB6A0  | С      | R | N | U   |     |     |  |